Amendments to the Claims:

This listing of claims will replace all prior versions, and listings of claims in the application:

Listing of Claims:

1. (Original) A vaccine for treating and/or preventing feline infectious peritonitis, wherein said vaccine comprises a protein comprising an amino acid sequence encoded by a polynucleotide of any one of a) to e) as the active ingredient:

a) a polynucleotide comprising a coding region of the nucleotide sequence of SEQ ID NO: 1;

b) a polynucleotide comprising a nucleotide sequence that encodes the amino acid sequence of SEQ ID NO: 2;

c) a polynucleotide comprising a nucleotide sequence with 93% or more homology to a nucleotide sequence of a coding region of the nucleotide sequence of SEQ ID NO: 1;

d) a polynucleotide comprising a nucleotide sequence with 93% or more homology to the nucleotide sequence encoding the amino acid sequence of SEQ ID NO: 2; and

e) a polynucleotide encoding a continuous amino acid sequence comprising 45 or more amino acid residues, selected from an amino acid sequence encoded by the polynucleotide of any one of a) to d).

2. (Original) A vaccine for treating and/or preventing feline infectious peritonitis, wherein said vaccine comprises a polynucleotide of any one of a) to e) as the active ingredient:

a) a polynucleotide comprising a coding region of the nucleotide sequence of SEQ ID NO: 1;

b) a polynucleotide comprising a nucleotide sequence that encodes the amino acid sequence of SEQ ID NO: 2;

c) a polynucleotide comprising a nucleotide sequence with 93% or more homology to a nucleotide sequence of a coding region of the nucleotide sequence of SEQ ID NO: 1;

d) a polynucleotide comprising a nucleotide sequence with 93% or more homology to the nucleotide sequence encoding the amino acid sequence of SEQ ID NO: 2; and

e) a polynucleotide encoding a continuous amino acid sequence comprising 45 or more amino acid residues, selected from an amino acid sequence encoded by the polynucleotide of any one of a) to d).

3. (Previously presented) The vaccine of claim 1, wherein the polynucleotide is the polynucleotide of a) or b).

4. (Cancelled)

5. (Previously presented) A method for treating and/or preventing feline infectious peritonitis, wherein said method comprises the process of administering the vaccine of claim 1-to a cat at least once.

6-7 (Cancelled)

8. (Original) A feline infectious peritonitis viral infection test reagent, comprising a protein that comprises an amino acid sequence encoded by a polynucleotide of any one of a) to e):

a) a polynucleotide comprising a coding region of the nucleotide sequence of SEQ ID NO: 1;

b) a polynucleotide comprising a nucleotide sequence that encodes the amino acid sequence of SEQ ID NO: 2;

c) a polynucleotide comprising a nucleotide sequence with 93% or more homology to a nucleotide sequence of a coding region of the nucleotide sequence of SEQ ID NO: 1;

d) a polynucleotide comprising a nucleotide sequence with 93% or more homology to the nucleotide sequence encoding the amino acid sequence of SEQ ID NO: 2; and

e) a polynucleotide encoding a continuous amino acid sequence comprising 45 or more amino acid residues, selected from an amino acid sequence encoded by the polynucleotide of any one of a) to d).

9. (Previously presented) The vaccine of claim 2, wherein the polynucleotide is the polynucleotide of a) or b).

10. (Previously presented) A method for treating and/or preventing feline infectious peritonitis, wherein said method comprises the process of administering the vaccine of claim 2 to a cat at least once.

11. (Previously presented) A method for treating and/or preventing feline infectious peritonitis, wherein said method comprises the process of administering the vaccine of claim 3 to a cat at least once.

12. (Previously presented) A method for treating and/or preventing feline infectious peritonitis, wherein said method comprises the process of administering the vaccine of claim 9 to a cat at least once.